

Low Odor Maleic Anhydride-Modified Polypropylene

Description

Fine-Blend[®] CMG5701 is a low odor and TVOC maleic anhydride modified polypropylene recommended for long fiber reinforced polypropylene (LFT-PP) modification. It has high graft ratio and great high temperature stability in processing.

Applications

Fine-Blend[®] CMG5701 can provide excellent adhesion between PP and polar substrates such as glass, metal, minerals etc. Due to the low smell and TVOC characteristics and stable high temperature process performance, it is recommended used in LFT-PP production.

For more detailed information and recommendations regarding your specific application, please contact related sales or technical representative of Fine-Blend Polymer Company.

Typical properties

Typical Properties	Value	Unit	Test Method
Density	0.90-0.92	g/cm ³	ASTM D792
MFR(190°C/2.16kg)	50-100	g/10min	ASTM D1238
Graft level	Very high	/	Acid-base titration ¹
Weight loss	≤0.3	wt%	105°C, 10min

Notes: These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹Low <0.25wt%, Medium 0.25-0.5wt%, High 0.5-1.0wt%, Very high >1.0wt%.

Processing information

Fine-Blend[®] CMG5701 can be processed over a wide range of conditions. The typical processing temperature range is from 200°C to 300°C, and it is related to the type of extruder, screw design, screw speed, yield and the residence time etc.

Storage, handling and safety

Fine-Blend[®] CMG5701 should be stored in dry conditions protect from high temperature and UV-light. Improper storage conditions may cause degradation and have consequences on physical properties of the product.

Comprehensive SDS is provided to recommend safe practices during usage. Please contact sales of Fine-Blend Polymer Company or visit www.fineblend.com.cn.